



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

| APPLICATION NO.                           | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 10/821,294                                | 04/09/2004  | George R. Borden IV  | KLR7146.0214        | 1108             |
| 55648                                     | 7590        | 01/10/2008           | EXAMINER            |                  |
| KEVIN L. RUSSELL                          |             |                      | CZEKAJ, DAVID J     |                  |
| CHERNOFF, VILHAUER, MCCLUNG & STENZEL LLP |             |                      | ART UNIT            | PAPER NUMBER     |
| 1600 ODSSTOWER                            |             |                      |                     | 2621             |
| 601 SW SECOND AVENUE                      |             |                      |                     |                  |
| PORTLAND, OR 97204                        |             |                      |                     |                  |
| MAIL DATE                                 |             | DELIVERY MODE        |                     |                  |
| 01/10/2008                                |             | PAPER                |                     |                  |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

|                              |                         |                  |
|------------------------------|-------------------------|------------------|
| <b>Office Action Summary</b> | Application No.         | Applicant(s)     |
|                              | 10/821,294              | BORDEN ET AL.    |
|                              | Examiner<br>Dave Czekaj | Art Unit<br>2621 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 29 November 2007.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 27-29 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 27-29 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### ***Response to Arguments***

Applicant's arguments with respect to the rejection(s) of the claim(s) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made as set forth below.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 27-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Loveland (6437819) in view of Yu (5434621).

Regarding claim 27, Loveland discloses an apparatus that relates to video surveillance (Loveland: column 1, lines 5-7). This apparatus comprises "monitoring a level of confidence that he tracking system is tracking a target" (Loveland: figure 7, wherein monitoring a level of confidence is determining if a good match has been found) and "altering magnification of an image visible to the operator in response to a change in the level of confidence" (Loveland: figure 7, wherein altering the magnification is zooming out when a good match has not been found). However, Loveland fails to disclose increasing the magnification in response to a decrease in the confidence level. Yu teaches increasing the

magnification when the confidence level decreases (Yu: column 6, lines 36-43, wherein the increase in magnification is driving the zoom motor in the TELE direction. The confidence level is the comparison of the focus count which indicates the object is moving away or the confidence level is decreasing). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to take the apparatus disclosed by Loveland and add the zoom processing taught by Yu in order to obtain an apparatus that can successfully track both objects moving away and moving toward the scene being monitored.

Regarding claim 28, Loveland in view of Yu disclose "the magnification is changed incrementally as the level of confidence decreases" (Loveland: column 4, lines 55-59, wherein the magnification, or zoom, is decreased when the system detects the shopper has become temporarily obscured indicating a change in the level of confidence; Yu: column 6, lines 36-43, wherein the incremental change is only varying the zoom by the amount equal to the variation detected).

Regarding claim 29, Loveland in view of Yu disclose "the magnification is increased when the confidence level falls below a first threshold and decreased when the confidence level falls below a second threshold less than the first threshold" (Loveland: figure 7, column 4, lines 55-59; Yu: figures 2-3; column 5, lines 45-57; column 6, lines 36-43).

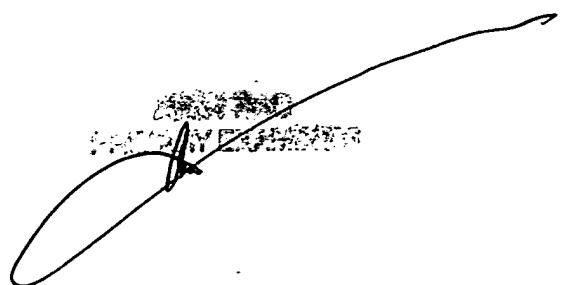
### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dave Czekaj whose telephone number is (571) 272-7327. The examiner can normally be reached on Mon-Thurs and every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on (571) 272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Dave Czekaj  
TC 2600

A handwritten signature in black ink, appearing to read "DAVE CZEKAJ", is written over a large, roughly circular, open loop. The loop is positioned below the signature and extends from the left towards the right, ending with a flourish.